

Appln No. 10/760,271
Amdt. Dated February 23, 2006
Response to Office Action of January 11, 2006

4

REMARKS/ARGUMENTS

In response to the Examiner's first Office Action of January 11, 2006 the Applicant respectfully submits the accompanying Amendment to the claims and the below Remarks.

Regarding Amendment

In the Amendment:

independent claim 1 is amended to specify that the number of mechanisms auxiliary to the cartridge include a print media transport assembly and a printhead capper drive assembly. Support for this amendment can be found, for example, at page 12, line 6-page 14, line 3 of the present specification;

dependent claims 2 and 4 are amended accordingly; and

dependent claim 3 and independent claim 5 are unchanged.

It is respectfully submitted that the above amendments do not add new matter to the present application.

Regarding 35 USC 103(a) Rejections

Regarding Claim 1

It is respectfully submitted that the subject matter of amended independent claim 1 is not taught or suggested by Schalk et al. (US 6,749,298) in view of Silverbrook (US 6,672,706), for at least the following reasons.

In the present invention, a single motor 110 of cradle 4 is used to drive a number of mechanisms auxiliary to print cartridge 6 so as to simplify the printing system and to make the system less expensive. The motor is configured to drive a rotor element drive assembly 145 for operating rotor element 60 of a capping mechanism of the print cartridge and a print media transport assembly 93 for transporting print media past the printhead 52 of the print cartridge. An air compressor 122 can also be driven by the motor for directing air over the printhead (see page 12, line 6-page 14, line 3 of the present specification). Independent claim 1 has been amended to specify this arrangement of the present invention.

On the other hand, Schalk merely discloses providing a motor 24 for driving a print media transport assembly in a printing system 10 (see col. 4, lines 15-30 of Schalk). Schalk

Appin No. 10/760,271
Amdt. Dated February 23, 2006
Response to Office Action of January 11, 2006

5

does not disclose or suggest providing a printhead capper drive assembly which is also driven by the motor, as is required by amended claim 1.

Further, Silverbrook discloses providing multiple motors for a print media transport assembly. That is, drive motor 168 for driving a media roll 166 and drive motor 170 for driving a take up spool 24. Furthermore, Silverbrook discloses providing yet another motor 96 for driving camshaft 90 of capping devices 88 (see col. 5, lines 29-43 and col. 7, lines 28-30 of Silverbrook).

Thus, in any combination of Schalk and Silverbrook, one of ordinary skill in the art would only be motivated to provide separate motors for print media transport and capper driving assemblies, which is contrary to the claimed invention.

Thus, the subject matter of amended independent claim 1, and claims 2-4 dependent therefrom, is not taught or suggested by Schalk or Silverbrook either taken alone or in combination.

Regarding Claim 3

It is respectfully submitted that the subject matter of dependent claim 3 is not taught or suggested by Schalk and Silverbrook further in view of Horikoshi et al. (US 4,832,918), for at least the following reasons.

Horikoshi merely discloses a rotary ozonizer M which includes an air compressor 1 and motor 2 (see col. 4, lines 63-67 of Horikoshi).

Further, Silverbrook similarly discloses providing a motor 152 for driving an air impeller 150 (see col. 6, line 65-col. 7, line 5 of Silverbrook).

Thus, in any combination of Schalk, Silverbrook and Horikoshi, one of ordinary skill in the art would only be motivated to provide separate motors for the print media transport and capper driving assemblies and the air compressor, which is contrary to the claimed invention.

Appln No. 10/760,271
Amdt. Dated February 23, 2006
Response to Office Action of January 11, 2006

6

Thus, the subject matter of amended independent claim 1, and claims 2-4 dependent therefrom, is not taught or suggested by Schalk, Silverbrook or Horikoshi either taken alone or in combination.

Regarding Claim 4

It is respectfully submitted that the subject matter of dependent claim 4 is not taught or suggested by Schalk and Silverbrook further in view of Gast et al. (US 5,455,609), for at least the following reasons.

Gast merely discloses a print media drive system including a motor 28 for driving a rack-and-pinion mechanism 34,36 via a drive train including a worm gear 38. Gast does not disclose or suggest using the motor to also drive the printhead-servicing mechanism 22,24 (see col. 5, line 11-col. 6, line 12 of Gast).

Thus, the subject matter of amended independent claim 1, and claims 2-4 dependent therefrom, is not taught or suggested by Schalk, Silverbrook or Gast either taken alone or in combination.

Regarding Claim 5

It is respectfully submitted that the subject matter of independent claim 5 is not taught or suggested by Schalk and Silverbrook further in view of Horikoshi, for at least the following reasons.

As discussed above, Schalk merely discloses providing a motor for driving a print media transport assembly, Silverbrook discloses providing separate motors for driving a print media transport assembly and an air impeller, and Horikoshi merely discloses providing a motor for driving an air compressor.

Thus, in any combination of Schalk, Silverbrook and Horikoshi, one of ordinary skill in the art would only be motivated to provide separate motors for the print media transport assembly and the air compressor, which is contrary to the claimed invention.

Thus, the subject matter of pending independent claim 5 is not taught or suggested by Schalk, Silverbrook or Horikoshi either taken alone or in combination.

Appln No. 10/760,271
Amdt. Dated February 23, 2006
Response to Office Action of January 11, 2006

7

It is respectfully submitted that the Examiner's rejections have been traversed. Accordingly, it is submitted that the present application is in condition for allowance and reconsideration of the present application is respectfully requested.

Very respectfully,

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